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ABSTRACT

This compilation lists 247 print and non-print materials dealing with animal life, nature, and ecology and is designed to assist teachers and school librarians in selecting media suitable for pupils in grades 4 through 6 and 9 through 12. A few of the materials date back to 1951, but the majority are of more recent issue. The collection for elementary school students includes 65 books and 43 16mm films, each with a brief annotation. In addition, 33 assorted materials such as cassette tapes, phonodiscs, slides, study prints, and periodicals are cited. Eighty books appropriate for high school classes are mentioned, along with 26 other miscellaneous items. The collection also offers a bibliography of sources, indexes to reviews, sources of reviews, sources of teaching materials, and a list of distributors of non-print materials. (PB)

ED 079947

The Birds and the Beasts Were There: Animals in Their Natural Habitats

(a multimedia bibliography revised)

Library Media for Grades 4-6

Library Media for Grades 9-12

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For Kansas Association of School Librarians
Kansas—National Education Association

By Marjorie Sullivan and
Helen Strader

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Emporia, Kansas

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THE STREAM AT THE HOUSE OF THE LUANS

WANG: Gusts of wind
in the autumn rain;
The water falls headlong,
it spills from the rocks in torrents.
The waves leap capriciously
one on the other in flight;
The startled white heron
comes down to earth again.

P'EI: *The voice of the stream*
resounds to the farthest bay.
I walk along the shore
towards the southern ford.
Here and there on the water
ducks and egrets glide,
Always they return, impelled
to the proximity of men.

THE BIRDS AND THE BEASTS WERE THERE: ANIMALS IN THEIR NATIVE HABITATS

Because most teachers and students now prefer multimedia, the bibliography which follows includes both print and nonprint materials. These learning resources are intended for elementary pupils, grades 4-6, and for secondary students, grades 10-12. There is some overlapping, especially with the newer media. Materials are selected for their appeal to youngsters, and for qualities of text and format contributing to their value. Mediated learning can be at once more profound and more subtle than a recital of well-ordered facts, concepts, or even ideas; ideally, mediated experience involves the learner totally in a configuration--images, symbols, light, dark, color, sound, silence, rhythm, rhyme, motion, texture, line, shape.... Educators should select materials in anticipation of the learner's media involvement. Reference works have been excluded. Included are works relating to living animals in their native habitats.

Earth is the only livable land man knows. Only recently has man realized that the world is not his to do with as he chooses. "Mankind belongs to the world, and can have a future only as a cooperating part of its ecology " (The Arena of Life, Milne). Whether the generations inheriting this planet will prosper or perish may well depend upon their knowledge and application of ecological principles. Learning about animals and their habitats is an approach to ecology with built-in appeal to children and young adults. Infants-in-arms point to and name animals in picture books. Small children listen to folk stories and modern tales of creatures parodying humans (Frog and Toad Are Friends-Lobel). In the middle grades, children read about animals endowed with human thought and speech (Charotte's Web-E.B. White). Most ten-year-olds are ready for the real thing, animals contending with man and nature (Bambi-Salten, The Yearling-Rawlins, Incident at Hawk's Hill-Eckert). Young adults may read natural history (Wild America-Teale) or become engrossed in a species study (The Year of the Whale-Scheffer). At any age youngsters may also listen to the mystical Songs of the Humpbacked Whale, recorded by Roger S. Payne, researcher in biological acoustics.

Animals living in their native surroundings fit in nicely up and down the developmental-curricular spiral.

Library Media for Grades 4-6

Books

Adamson, Joy. Pippa the Cheetah and Her Cubs. New York: Harcourt, 1970. Unpaged. Told almost entirely with superb photographs of Pippa and her young. A cheetah in captivity is returned to her wild habitat. Illus. with black and white photographs. BL

Annixter, Jane and Paul. Ahmeek. Drawings by Robert Frankenberg. New York: Holiday House, 1970. 63 p. Ahmeek has known only the safety of his own beaver pond until he is forced to leave and begin a life of his own. BL

Annixter, Jane and Paul. The Sea Otter. Illus. John Hamburger. Holiday, 1972. 63 p. Life activities of a family of sea otters. BL

Aruego, Jose. Symbiosis: A Book of Unusual Friendships. Illus. by author. New York: Scribners, 1970. Unpaged. Delightful full-page illustrations accompany brief accounts of animals that have ulterior motives for being friends. BL

Bergman Sucksdorff, Astrid. Tooni, the Elephant Boy. Harcourt, 1971. 48 p. Tooni visits a preserve with his father and discovers elephants, rhinocerous and other animals. Illus. with natural color photographs. BL

Boyd, Lorenz. Follow the Butterfly Stream. New York: Abingdon Press, 1971. Unpaged. Following the course of the Little Pigeon River in the Great Smoky Mountains. Photographs in color.

Brown, Leslie. Eagles (World of Animals). New York: Arco, 1970. 96 p. Eagles as hunters, at home, with their young, their place in the ecological design. Illus. with both color and black and white photos. BL. Other books in this series: Gorillas: Colin P. Groves; Antelopes: Rennie Bere; Bears: Richard Perry.

Buck, Margaret Waring. Where They Go in Winter Illus. by author. Nashville: Abingdon Press, 1968. 72 p. The winter habits of North American wildlife. CC

Cloudsley-Thompson, J.L. Animals of The Desert. New York: McGraw, 1971. 32 p. Desert animals - what they are and how they live and survive. Large clear illustrations. BL

Cohen, Daniel. Talking With The Animals. New York: Dodd, 1971. 134 p. Traces man's attempts to communicate with other species. Illus. with black and white photographs. BL

Darling, Louise, The Gull's Way. New York: William Morrow, 1965. 96 p. The life cycle of the gull from courtship through raising the young to leave-taking and the start of the next family. Photos and illus. BL

Davis, Bette J. Freedom Eagle. Illus. by author. Lothrop, 1972. 61 p. An eagle named Old Abe adopts a regiment in the Civil War. Eagle lore and history. BL

DeWaard, E. John. The Color of Life (Living Things of the World). Illus. by Jennifer Perrott. New York: Doubleday, 1971. 65 p. The role of color in nature. BL

Edmonds, Walter G. Beaver Valley. Illus. by Leslie Morrill. Boston: Little, 1971. 70 p. Involves not only beavers, but all the animals that inhabit the same world. BL

Emanuel, Elizabeth. Baby Baboon. San Carlos, California: Golden Gate Junior Books, 1971. 62 p. A year in the life of a baby olive baboon in Kenya. Delightful drawings of a variety of African animals. BL

Feldman, Anne and Jean Ely. The Inflated Dormouse and Other Ways of Life in the Animal World. New York: Natural History Press, 1970. 112 p. Intriguing glimpses of seldom-seen animals. Illus. with black and white photographs. BL

Freedman, Russell. Animal Architects. New York: Holiday House, 1971. 126 p. Guided only by instinct, animals build elaborate shelters for themselves and their families. Illus. BL

Freedman, Russell and James Morriss. Animal Instincts. New York: Holiday House, 1970. 160 p. Defines "instincts" and describes what animals do with them. Chapter on survival. Bibliography. Illus. with black and white photographs. BL

Gage, Wilson. Mike's Toads. Illus. by Glen Rounds. New York: World, 1970. 93 p. How a small boy learns all about toads and frogs through keeping a friend's "pets" all summer. Good factual knowledge wrapped in an interesting story. BL

Gallant, Roy A. The Story of Language. New York: Random House, 1969. First section of the book entirely devoted to animal communication. BL

George, Jean. Who Really Killed Cock Robin? New York: E.P. Dutton, 1971. 149 p. Story unwinds like a mystery and the death of the robin eventually involves the whole ecology of the town. Illus. BL

Gruson, Edward W. Words for Birds: A Legend of North American Birds and Biographical Notes. Marginal illustrations by Alexander Wilson. New York: Quadrangle Books, 1972. 282 p. A collection of odd facts about all kinds of birds. Some things for teachers to share with their classes. NYT

Hess, Lilo. Animals That Hide, Imitate and Bluff. Black and white photographs by author. New York: Scribners, 1970. 63 p. Animal camouflage in pictures, with brief text. BL

Hudson, Robert G. Nature's Nursery: Baby Birds. New York: John Day, 1971. 158 p. A wealth of new and interesting material on birds and their babies. Illus. with black and white photographs. BL

Hutchins, Ross E. Insects in Armor: A Beetle Book. (A Stepping-Stone Book). Illus. with photos by author. Parent's Magazine Press, 1972. 64 p. BL

Hutchins, Ross E. Scaly Wings: A Book about Moths. (A Stepping-Stone Book). Illus. with photos by author. Parent's Magazine Press, 1971. 65 p. BL

Hutchins, Ross E. The Travels of Monarch X. New York: Rand McNally, 1966. 64 p. The story of one butterfly whose migration covered 2000 miles. Color illus. BL

Hyde, Margaret O. Animal Clocks and Compasses: From Animal Migration to Space Travel. New York: McGraw, 1966. 157 p. The uncanny sense of time and place possessed by animals. Illus. CC

Jenkins, Marie M. Animals without Parents. New York: Holiday House, 1970. 192 p. Parthenogenesis. Asexual animals and reproduction. Glossary and bibliography. BL

Kane, Henry B. Four Seasons in the Woods. New York: Alfred A. Knopf, 1968. 60 p. How the animals change with the seasons. Illus. with black and white photos and drawings. CC

Kirshner, Gloria. From Instinct to Intelligence: How Animals Learn. Illustrated by author with photographs and drawings. New York: Grosset and Dunlap, 1970. 127 p. The ability to learn and what is involved. Written for the author's son. BL

Lathrop, Dorothy P. Let Them Live. New York: Macmillan, 1951. 80 p. Brief sketches describing the life and habits of animals with a plea for their survival. CC

Lavine, Sigmund A. Wonders of the Owl World. New York: Dodd, 1971. 64 p. The owl in fact and fable. Illus. with photographs. BL

Lavine, Sigmund A. Wonders of the Hawk World. (Dodd Mead Wonders Books) Dodd, 1972. 64 p. Lore and legend of the hawk world. Illus. BL

Lavine, Sigmund A. Wonders of Animal Architecture. New York: Dodd, 1964. Interesting and complex animal homes. Illus. BL

Lavine, Sigmund A. Wonders of Animal Disguises. New York: Dodd, 1962. How nature protects animals. CC

Laycock, George and Ellen. The Flying Sea Otters. New York: Grosset and Dunlap, 1970. Unpaged. The U.S. Fish and Wildlife Service transplants the sea otter to a safer environment. Black and white photos. BL

Laycock, George. Wingspread: A World of Birds. Four Winds, 1972. 125 p. Presents 16 endangered species. Generously illus. with black and white photographs. No index. BL

Leslie, Robert Franklin. Wild Pets. New York: Crown, 1970. 240 p. Firsthand accounts of wild animals as pets, guests, and visitors, with information about their feeding and care. Illus. with photographs. BL

McClung, Robert M. Scoop, Last of the Brown Pelicans. Illus. by author and Lloyd Sanford. Morrow, 1972. 75 p. Life cycle and environmental hazards of the brown pelican. BL

McCoy, J.J. Nature Sleuths: Protectors of our Wildlife. New York: Lothrop, 1969. 160 p. Our wildlife heritage and what we can do about it. Glossary and suggested reading list. Illus. with black and white photos. CC

McKenna, Virginia. Some of My Friends Have Tails. New York: Harcourt, 1970. 125 p. Written by the star of Born Free and Ring of Bright Water. Actual experiences with animals. 54 photographic illus. 11 full color photos. BL

Mason, Edwin A. Swans and Wild Geese. New York: Follett, 1970. 32 p. Full-page color illustrations with a paragraph about each page. Pictorial study of these birds. BL

Mason, George F. Animal Feet. New York: William Morrow, 1970. 95 p. How the feet are formed and the manner of operation in specific activities such as digging, swimming, self-defense. Very explicit drawings. BL. Other titles by the same author: Animal Appetites, Animal Baggage, Animal Clothing, Animal Habits, Animal Homes, Animal Sounds, Animal Tails, Animal Teeth, Animal Tools, Animal Tracks, Animal Vision, Animal Weapons, The Bear Family, The Deer Family, and Ranch in the Rockies.

Milan, Manuel and William Keane. Fact and Fancy in American Wildlife. Boston: Houghton, Miflin, 1969. 110 p. Popular conceptions vs. what is really the truth about animal life and habits. Illus. CC

Morris, Robert A. Seahorse. (A Science I Can Read book.) Pictures by Arnold Lobel. Harper, 1972. 60 p. The life cycle and oceanic habitat of the sea horse. BL

Paysan, Klaus and Sylvia Johnson. Creatures of Pool and Pond. Minneapolis: Lerner, 1971. 106 p. One color photo per page, with a brief identifying paragraph. BL

Perry, Roger. The Galapagos Islands. Dodd, 1972. 93 p. An introduction to the history, flora and fauna (especially the turtles) of the islands. Illus. with photographs. BL

Pringle, Laurence P. From Pond to Prairie; the Changing World of a Pond and It's Life. Illus. by Karl Stuecklen. Macmillan, 1972. 34 p. The wildlife of a pond, and what happens to it as the pond evolves into a prairie. BL

Schisgall, Oscar. That Remarkable Creature The Snail. New York: Julian Messner, 1970. 62 p. All that the young scientist needs to know about snails. Black and white photographs. BL

Selsam, Millicent. Exploring The Animal Kingdom. New York: Garden City Books, 1957. 64 p. Evolutionary processes, family life, habits, and classification. Illus. CC

Selsam, Millicent E. How Animals Live Together. New York: William Morrow, 1968. 95 p. Family customs among the animals. Illus. CC

Selsam, Millicent E. How Animals Tell Time. New York: William Morrow, 1967. 95 p. Current theories on how animals know when to do what. Illus. BL. By the same author: Animals as Parents, The Courtship of Animals.

Selsam, Millicent E. The Language of Animals. Illus. by Kathleen Elgin. New York: William Morrow, 1962. 96 p. How animals communicate. CC

Shuttlesworth, Dorothy Edwards. The Story of Rodents. Illus. by Lydia Rosier. Doubleday, 1971. 95 p. Life habits of squirrels, porcupines, lemmings, beaver, mice, rats, and other rodents. BL

Simon, Hilda. Living Lanterns: Luminescence in Animals. New York: Viking Press, 1971. 128 p. The mysteries of luminescence - which ones have been solved, and which ones are still a puzzle in a variety of creatures. BL. By the same author: Feathers, Plain and Fancy; and Insect Masquerades.

Simon, Hilda. Milkweed Butterflies; Monarch, Models, and Mimics. Illus. by author. Vanguard, 1970. 96 p.

Simon, Hilda. Our Six-Legged Friends and Allies. Illus. by author. Vanguard, 1972 96 p. BL The ecological role of insects.

Simon, Hilda. Partners, Guests and Parasites; Coexistence in Nature. New York: The Viking Press, 1970. 127 p. The curious relationships between animals. Color illustrations. BL

Stonehouse, Bernard. Animals of the Arctic: The Ecology of the North. New York: Holt, 1971. 172 p. Life and habits of our cold-climate animals. Illus. with color photographs, maps, charts, diagrams. BL

Tunis, Edwin. Chipmunks on the Doorstep. Charming illustrations by the author. New York: Crowell, 1971. 69 p. How they look, what their houses are like, and their general life style. BL

Waters, John Frederick. Some Mammals Live in the Sea. Dodd, 1972. 96 p. A factual survey of the appearance, behavior and habitat of some sea mammals. Illus. with photos. BL

Wildsmith, Brian. Brian Wildsmith's Fishes. New York: Franklin Watts, 1968. Unpaged. Beautiful full-page color illus. with names of groups of fish, i.e. "a leap of salmon" - "a battery of barracuda". CC By the same author: Brian Wildsmith's Birds, Brian Wildsmith's Wild Animals.

Zappler, Lisbeth and Georg. The World After The Dinosaurs: The Evolution of Mammals. New York: The Natural History Press, 1970. 184 p. What evolved in the animal world after the dinosaur disappeared - and why. BL

Zim, Herbert S. Armored Animals. New York: William Morrow, 1971. 64 p. How nature has protected her animals, and how in some cases, humans have done the same things. Illus. BL

16mm Films

Adaptations for Survival: Mammals. Int'l. Film Bureau, 1972.
16 1/2 min. color
The changes that enable some species to survive.
BL

Adelie Penguins of the Antarctic. New York Zoological Society; Sterling Films, 1965 (revised) 22 min. color
These amusing birds lead hazardous lives in their progress from birth to adulthood.

African Animals: Hoof and Horn. Boston Museum of Science; ACI Films, 1972. 10 min. color
Ecological relationships of the many animals on the plains of East Africa.
BL

Amphibians: Frogs, Toads, and Salamanders. Bailey-Film Assoc., 1970. 11 min. color or b/w
Close-up views, excellent photography, simple explanations of development and environment.

Animals Prepare for Winter. Heinz Sielmann Productions, Int'l. Film Bureau, 1972. 18 min. color
What foods they store, how nests are prepared.
BL

Ant World. Pyramid, 1972.
15 min. color
Ant colony life.
BL

Autumn Flight. George Stoney Associates; Henk Newenhouse, 1966.
14 1/2 min. color
How talented amateurs help in the banding of birds in order to trace flight and migratory patterns.
FLQ Spring 1968

Bighorn. National Film Board of Canada; Comtemporary McGraw-Hill, 1971. 10 min. color
The bighorn sheep in the Rocky Mountains, no narration.
Previews September 1972
EFLA

The Bird Room. J. H. Lieberman; Doubleday Multimedia, 1970.
11 min. color
A young girl cares for abandoned baby birds and returns them to their natural habitat.
EFLA

The Bird Who Is a Clown. Encyclopedia Britannica Educational Corp., 1972. 9 min. color
Teacher's guide
The life story of the awkward, blue-footed booby.
P

Birds of Shore and Marsh. WLB Productions, 1972.
15 min. color Study guide. Bibliography.
Discussion of food chains, and the adaptations of shore-birds to the getting of food.

Elephants. Richard Kaplan; Center for Mass Communication, 1967.
5 min. color
A poem underscores this lovely film of elephants and their young in India.

Elsa and Her Cubs. Noel Gay Productions; Benchmark Films, 1971.
25 min. color
Another adventure of the Born Free cubs.
FN June-July 1971
EFLA

Extinction: A Lesson from the Past. Reinald Werrenrath; Journal Films, 1971. 13 min. color Study guide.
Seeks to answer the question of why some species survive and others do not.
BL

Fly Geese F-L-Y. Blue ribbon 1972 Am. Film Festival. Dan Gibson; A-V Explorations, 1971. 10 min. color
A family raises three wild geese in the city and then returns them to their natural habitat.
FN

Footnote to Genesis. Religious T-V Assoc. for Canadian Broadcasting Co.; Carousel Films.
25 min. color
Ralph Edward's role in saving the trumpeter swan.
FN

For the Love of An Eagle. Information Service of South Africa; Association-Sterling Films.
23 1/2 min. color
An intrepid woman bands a baby eagle and befriends its parents - but not without a struggle.
EFLA

Frogs: An Investigation. Bailey-Film Associates, 1972.
10 min. color
The frog and it's environment.
BL

The Kingfisher. Ronald & Rosemary Eastman; ACI films, 1969.
15 min. color
The entire life cycle, including the hatching of the eggs, filmed inside the hidden nest.

Land of the Friendly Animals. Encyclopedia Britannica Educational Corp., 1972.
11 min. color
Teacher's guide
The rare beauty and colorful variety of Galapagos wildlife.
P

Life In The Woodlot. National Film Board of Canada; McGraw-Hill, 1960.
19 min. color
Seasonal cycles of man, plants, and animals.

Life on the Tundra. Dalton Muir for the National Film Board of Canada; Encyclopedia Britannica, 1960.
14 min. color
Plant and animal life - particularly the herds of caribou - in the northern reaches of Canada.

Miracle of the Monarch. James W. Wilkie, 1971.
29 min. color
Complete life cycle of the Monarch butterfly.
S

Miss Goodall & the Wild Chimpanzees. Wolper Productions for National Geographic Society; Films Inc., Encyclopedia Britannica, 1967.
28 min. color
The true adventures of a young British Anthropolegist on a chimpanzee preserve in Africa.
EFLA

The Noisy Underwater World of the Weddell Seal. New York Zoological Society; Sterling Films, 1966.
12 min. color
How seals live under the ice, finding food and protection there.

One Day at Teton Marsh. Walt Disney Films, 1967.
47 min. color
From the book by Sally Carrighan. A day of unusual events for beavers, otters, and osprey.
FLQ

Return of the Nene. Sterling Films, 1967.
9 min. color
The nene, Hawaii's national bird, is restored to its homeland by a conservation program in England.

The Robin. Dan Gibson, A-V Explorations, 1965.
5 min. color
A family of baby robins is safely hatched and brought to the flying stage.

Sea Sorcery. Cine Golden Eagle. James Dutcher; Contemporary/McGraw-Hill, 1971.
14 1/2 min. color
An undersea poem.
FN

Seals. David Wolper; Doubleday Multimedia, 1969.
22 min. color
Jacques Yves Cousteau's crew become friends with some seals.
Note: Wolper TV series available from Doubleday in 30 min. format.

Signals For Survival. Niko Tinbergen; McGraw-Hill, 1970.
AFF Blue Ribbon 1971
51 min. color
How the lesser black-backed gulls communicate with one another.
FN

Snails. ACI Films, 1970.
11 min. color
Behavior and life-cycle of land snails.
S

Spring Marsh. Keg Productions; Ron Harrison for Audubon Wildlife Theatre Series II (17 films); A-V Explorations.
26 min. color
Poetic photography of life in and around a marsh.
P

Still Water. Contemporary/McGraw-Hill, 1968.
14 min. color
The teeming, underwater world of a great lake.
S

A Stream Environment. Arthur Barr Productions
9 min. color
Forms of life living within and dependent upon a stream which begins high in the mountains and slowly grows with the melting snow.
S

A Tadpole Tale. Peter Powell; United World Films, 1966.
15 min. color
A boy watches with wonder and delight as a tadpole he has captured grows into a frog. He then returns the frog to its own environment.
FLQ

Voyage to the Enchanted Isles. CBS News; Bailey-Film Associates, 1969.
54 min. color only
How the birds and animals of the Galapagos are being saved from extinction. This visit traces Charles Darwin's steps on the HMS Beagle.
EFLA

White Throat. Dan Gibson, A-V Explorations, 1965.
10 min. color
The white-throated sparrow in the Algonquin forests in Canada.
No narration.

Wild Wings. Edgar Anstey for British Transport Films; Int'l. Film Bureau, 1967. Academy Award.
35 min. color
The Wildfowl Trust at Slimbridge, England protects and preserves bird-life.
FLQ

Wingbeats on the Sand. Roy Wilcox Productions, 1960.
14 min. color
Graceful and sometimes comical actions of North American shore birds.

Winter, Story of Survival. ACI Films, 1968.
14 min. color
Plants and animals prepare for the coldest season.

The Wood Duck's World. James Wilkie, 1966.
30 min. color
A family of wood ducks from their birth in the spring until the following fall.
S

The Woods and Things. Churchill Films.
11 min. color
With study guide.
The woods and its inhabitants, including butterflies, birds, squirrels, spiders.
P

Cassette Tapes

Adventures With Animals
Troll Associates
10 cassettes: Ants, Bees, Horses, Dogs, Bats, Turtles, Elephants, Whales, Beavers, Porpoises. May be purchased singly.
P

How Animals Live and Work
Troll Associates
6 cassettes: Homes, Habitats, Families, Clothing, Defense, Language. May be purchased singly.
P

Scales, Feathers and Fur
Troll Associates
6 cassettes: Insects, Birds, Fish, Mammals, Reptiles and Amphibians, Prehistoric animals. May be purchased singly.
P

Phonodiscs

Songs of Western Birds.
Dover Publications, 1971.
Phonodisc.
Teacher's guide
Learning to identify birds by their calls. 60 species of birds in Western U.S.A.
BL

Color Slides

Common Mammals Found in North America
Society for Visual Ed. (SVE)
2 units - 20 slides ea. color
Cardboard mounts
Catalog kits
Teacher's guides
Photos of animals in their natural environments.
P

Freshwater Fish
National Film Board of Canada
Donars Prod., 1972.
20 slides
Text
Lake and river fish native to North America.
BL

Marsh and Shore Birds
National Film Board of Canada
Donars Prod., 1972.
10 slides
Text
North American species, emphasis on Canada.
BL

Moths
National Film Board of Canada
Donars Prod., 1972.
20 slides
Text
The four stages in the life cycle of the moth. Seven species common to North America.
BL

Filmstrips

Animals of East Africa
Avid Corp.
42 frames; color
Silent, captioned; automatic and manual
Catalog Kits
More than 20 animals in their native habitats.
P

Chuparosas: The Hummingbird Twins
Lyceum Productions, Inc.
42 frames; color; 9 1/4 min.
Cassette or 33 1/3 rpm phonodisc
Life and growth of these unique birds.
FN, BL

The Desert Bighorn
Colonial Films
2 strips, 35-45 frames each; color
2 cassettes 15-20 minutes; automatic and manual
Response Cards
Spirit-master answer sheet
Teacher's guide
Wild animals in southwestern Arizona.
P

Honey Power
Lyceum Productions
63 frames; 12 minutes
33 1/3 rpm phonodisc or tape cassette
Written by Mark Pines
Photographed by Larry Harmon
Two boys discover the world of honeybees.
BL

How Wild Animals Live
Society for Visual Ed. (Series)
6 strips 40-53 frames; color 9-13 minutes
3 discs or 3 cassettes; automatic and manual
Teacher's guide
Catalog Kits
Titles: Ballena the Blue Whale, Jamboo the African Elephant, Glu the Emperior Penguin, Kiboko the African Hippo, Marsu the Red Kangaroo, and Necki the African Giraffe
Adventure stories teach biological facts.
P

Mammals of North America (Series)
Falcon Media Systems; Visual Publications, 1972.
4 filmstrips
Includes Rocky Mountains, the Arctic and the Eastern forests.
Animals, their habitats, eating habits and food.
BL

Our Animal Friends
Ealing Prod. Co.: Educational Directions
Dist: Holt, Rinehart and Winston (series)
6 strips, 39-47 frames; color; eight min. each
3 discs or 3 cassettes; automatic and manual
Titles: In Woods and Parks, Animals and their Young, In the Zoo
P

The Right to Exist
Colonial Films
63 frames; color 20 minutes
Tape cassette; automatic and manual
Response cards
Spirit master answer sheet
Teacher's guide
Our endangered species and the environment.
P

Sammy the Crow
Lyceum Productions, 1971.
38 frames; 5 1/2 minutes 33 1/3 rpm phonodisc or tape cassette
Written by Elizabeth Baldwin Hazelton
Photographed by Ann Atwood
Multimedia kit includes the book: Sammy The Crow Who Remembered, Charles Scribner's Sons, 1961
FN

The Sea
Educational Dimensions Corp.
2 strips; color; 12 min. each
Cassette or phonodisc
Music and visual images alone convey the quality of life beneath the sea. No narration.
S

The Whooping Crane
Colonial Films
2 strips 35-45 frames; color
15-20 minutes; 2 cassettes; automatic and manual
Response card
Spirit master answer sheet
Teacher's guide
Whooping cranes and other wildlife in the Arkansas National Wildlife Refuge.
P

Study Prints

Animal Babies
McGraw-Hill
Set of 12; 13" x 18" color
Study guide on reverse side
Scorpion mother and baby
Plant bugs of different ages
Stink bug mother and babies
Ants of all ages
Frog with tadpoles
Lizard mother and babies
Mother hen and chicks
Mother birds and babies
Kangaroo mother and baby
Elk and calf
Lion cubs
Monkey mother and baby

Animal Defenses
McGraw-Hill
Set of 12; 13" x 18" color
Study guide on reverse side
Flight
Weapons
Biting
Natural armor
Case making
Sharp spines
Poisonous spines
Clumping
Puffing up
Poisonous slime
Bluff
Defending the home

Animal Disguises
McGraw-Hill
Set of 12; 13" x 18" color
Study guide on reverse side

Camouflage on the ground
Camouflage on tree bark
Color matching
Flower imitation
Imitation of a lichen
Imitation of a twig
Patterns that camouflage
False eyes
Turning aside an attack
False faces
Warning colors
Mimicry

Common Birds
Society for Visual Ed. (SVE)
Set of 8; 13" x 18" color
Study guide on reverse side - -
Great Horned Owl
Cardinal
Blue Jay
Robin
Redwing Blackbird
Brown Thrasher
Mourning Dove
Hairy Woodpecker

Kinds of Animals
McGraw-Hill
Set of 12; 13" x 18" color
Study guide on reverse side
Sea Anemone
Land Snail
Spider
Centipede
Insect
Starfish
Fish
Frog
Snake
Bird
Elephant
Slow Loris

Life Stories: Butterfly and Frog
McGraw-Hill
Set of 12; 13" x 18" color
Study guide on reverse side
The eggs are laid
The eggs hatch
The caterpillars grow larger
The caterpillar prepares to pupate
The pupa stage
The butterfly comes out
The adult butterfly
Tadpoles grow inside the egg
The tadpole grows hind legs
The tadpole grows front legs
Almost a frog, young frogs

Wild Animals
Society for Visual Ed. (SVE)
Set of 8; 13" x 18" color
Study guide on reverse side
Red Fox
Rabbit
Deer
Skunk
Muskrat
Squirrel
Opossum
Woodchuck

Zoo Animals

Society for Visual Ed. (SVE)
Set of 8; 13" x 18" color
Study guide on reverse side

Elephant
Lion
Champanzee
Rhinocerous
Giraffe
Tiger
Hippopotamus
Mountain Goat

Periodicals

National Geographic
Monthly
Dept. 161
17th and "M" Streets N.W.
Washington, D.C. 20036

National Geographic School Bulletin
30 weeks during school year
Dept. 161
17th and "M" Streets N.W.
Washington, D.C. 20036

Natural History
Monthly
Reader Services
Box 2927
Boulder, Colo.

National Wild Life
6 issues
National Wildlife Federation
1412 16th St. N.W.
Washington, D.C. 20036

International Wildlife
6 issues
National Wildlife Federation
1412 16th St. N.W.
Washington, D.C. 20036

Ranger Rick
10 issues
National Wildlife Federation
1412 16th St. N.W.
Washington, D.C. 20036

Everything, like the ocean.
Flows and comes into contact
with everything else:
touch it in one place
and it reverberates
at the other end of the word.
- Dostoyevsky

Library Media for Grades 9-12

Books

Abbot, R. Tucker. Kingdom of the Seashell. New York: Crown, 1972. 255 p. Authoritative and readable text, broad in scope, is enhanced by illustrations, many of them vivid and arresting. Bibliography reflects the range of content, including art, history, and literature, early books, major monographs, textbooks, popular works, guides, special families, children's books, and popular magazines.

Amos, William H. The Life of the Pond (Our Living World of Nature). New York: McGraw, 1967. 232 p. The remarkable range of creatures ideally suited to pond life. Photos and line drawings. Glossary. Bibliography. SC

Amos, William H. The Life of the Seashore (Our Living World of Nature). New York: McGraw, 1966. 231 p. Complex communities residing along U.S. coastlines, including those habitats protected in National Parks and Seashores. Illus. Bibliography. SC

Ardrey, Robert. The Territorial Imperative; a Personal Inquiry into the Animal Origins of Property and Nations. New York: Atheneum, 1969. 390 p. Presents evidence that territory rather than hunger, sex, or survival constitutes the compelling drive of animals, including man. Illus. Bibliography. (For a refutation of Ardrey's thesis and that of Lorenz in On Aggression, see Man and Aggression, edited by M. F. Ashley Montagu.)

Audubon, John James. The Birds of America. New York: Macmillan, 1953. 435 p. Audubon's original pictures from London publications 1827-1838, with introduction and descriptive notes by William Vogt. 427 plates. Index of common names. SC

Audubon Magazine. The Audubon Book of More Nature Stories. New York: Crowell, 1968. 294 p. Classic true tales about animals in their habitats, some revealing moving man-animal relationships. Illus. SC

Bandsma, Arend T. and Robin T. Brandt. The Amazing World of Insects; a Photographic Introduction. New York: Macmillan, 1963. 178 p. A non-technical introduction, notes on plates, and 135 sharp full-or half-page black and white photos taken close-up in the native habitat constitute the body of this volume.

Barnett, S.A. Instinct and Intelligence; Behavior of Animals and Man. Englewood Cliffs. N. J.: Prentice-Hall, 1967. 224 p. Twelve chapters which read like essays, each introduced by an appropriate drawing and a quotation, describe animal behaviors for the uninitiated. Black and white drawings, and photos. Bibliography.

Beebe, B.F. American Desert Animals. New York: McKay, 1966. 183 p. Description of desert creatures and their adaptation to the changing seasons. Illus. Map. SC

Behrman, Daniel. The New World of the Oceans. Boston: Little, 1969. 436 p. Oceanographers at work in the major American marine stations. Photos. Readings. SC

Berrill, N.J. The Life of the Ocean (Our Living World). New York: McGraw, 1966. 232 p. Survey of vertebrate and invertebrate inhabitants of the various ecological niches in the ocean environment. Color photos. Appended guides. Glossary. Bibliography. SC

Berrill, N.J. and Michael. The Life of Sea Islands (Our Living World of Nature). New York: McGraw, 1969. 231 p. Formation of islands and development of plant and animal life, with spectacular illustrations. Glossary. Bibliography. SC

Boyd, Lorenz. Follow the Butterfly Stream. New York: Abingdon, 1971. Unpaged. With poetic text and camera we see the butterflies and their habitat in the Smokies. Colored photos.

Cahalane, Victor H, ed. Alive in the Wild. Illus. by Robert Candy. Englewood Cliffs, N.J.: Prentice-Hall, 1970. 244 p. Thirty-five outstanding biologists write chapters reflecting different points of view and research procedures in contrasting format and style. Each author's speciality and professional background sketched. Readable text enhanced by action-filled pencil drawings.

Carson, Rachel. The Edge of the Sea. Boston: Houghton, 1955. 276 p. Seashore communities on the U.S. Atlantic Coast - rugged shores of rock, sand beaches, and coral reefs - described poetically. Drawings. Classification. SC

See The Rocky Coast, a chapter of the above title issued separately with superb photographs by Charles Pratt (McCall, 1971). RC

Carson, Rachel. Under the Sea-wind; a Naturalist's Picture of Ocean Life. New ed. London: Oxford, 1952. 314 p. Life on the eastern rim of our land - on the shoreline, on the open sea, and on the bottom - described in a series of stories. Illus. Glossary. SC

Costello, David F. The Prairie World. New York: Crowell, 1969. 242 p. The everchanging way of life on the prairie, with chapters devoted to mammals, birds, insects, reptiles, and amphibians. Photos. Appendix. Bibliography.

Costello, David F. The World of the Prairie Dog (Living World Books). Philadelphia: Lippincott, 1971. 160 p. An amiable, nontechnical account of the prairie dog and his relationship to man. Illus. Bibliography.

also by Costello:
The World of the Ant
The World of the Porcupine
The Desert World

Cousteau, Jacques-Yves. Life and Death in a Coral Sea. Trans. from the French. Garden City, N.Y.: Doubleday, 1971. An account of the Calypso's voyage in the Red Sea and Indian Ocean, with numerous photos, those in color not always sharp and sometimes garrish. Maps. Illustrated appendixes and glossary. Also in The Undersea Discoveries of Jacque Cousteau series, The Whale, Mighty Monarch of the Sea. BL

Damroth, William G. Passport to Nature. New York: Viking, 1972. Animals in Florida, Africa, and New Zealand photographed by a former businessman and identified in appendix. For browsing. BL

Darwin, Charles R. The Voyage of the Beagle. Abridged. New York: Harper, 1959. 327 p. Revised edition of Darwin's journals cut by half, with added biographical and supplementary materials, to provide accounts of flora and fauna in the context of high adventure. Illus. Maps. SC

Durrell, Gerald. My Family and Other Animals. New York: Viking, 1956. 273 p. The author's life as a ten-year-old on Corfu investigating the ways of nature and enjoying the antics of his family. Birds, Beasts and Relatives (1969), a sequel, describes the animals he befriended and those he observed in their native habitats. SC

Durrell, Gerald. Two in the Bush. New York: Viking, 1966. 255 p. Amusing account of adventures with strange animals in New Zealand, Australia, and Malaya. Illus. SC

Eckert, Allan W. Wild Season. Boston: Little, 1967. 244 p. Animals live around Oak Lake, near the Illinois - Wisconsin border, preying and being preyed upon, with man one of the predators. Illus. SC

Evans, Howard Ensing. Wasp Farm. Garden City, New York: Natural History Press, 1963. 178 p. With wry wit and humor the author reports his observations of wasp life on his eight-acre tract, Wasp Farm. Illus. SC

Evans, William F. Communication in the Animal World. New York: Crowell, 1968. 182 p. Non-technical discussion of animal communication, which integrates community functions to assist survival. Black and white drawings and photos. Bibliography, including records. BTR

Faulkner, Douglas, photos and notes. C. Lavett Smith, text. The Hidden Sea. New York: Viking, 1970. Distinguished by full-page color photos of exotic undersea life.

Feininger, Andreas. Forms of Nature and Life. New York: Viking, 1966. 170 p. Full-page photographs of earth and its animal inhabitants reveal fascinating structures while accompanying essays explain the inter-relationship of structure, function, and form. Color, and black and white photos.

Fisher, James. Wildlife in Danger. New York: Viking, 1969. 368 p. Based on reports by members and correspondents of the Survival Service Commission of the International Union for Conservation of Nature and Natural Resources. The work surveys the current status of mammals, birds, fish, amphibians, reptiles, and plants threatened with extinction. Illus. SC

Frisch, Karl von. The Dancing Bees; an Account of the Life and Senses of the Honey Bee. Trans. from the German. New York: Harcourt, 1966. 198 p. All about honey bees, including how they communicate the location of nectar. Illus. SC

Fuller, William Albert and John C. Holmes. The Life of the Far North (Our Living World of Nature). New York: McGraw-Hill, 1972. Specialists in the far north describe how trees, plants, birds, and mammals survive the harsh winters and brief summers in the Canadian Northwest Territories. BL

Goetsch, Wilhelm. The Ants (Ann Arbor Science Library). Ann Arbor: University of Michigan Press, 1957. 169 p. A classic, comprehensive work revealing the ways of ants, including their granaries, gardens, systems of communication and signals. Illus. SC

Halle, Louis J. The Storm Petrel and the Owl of Athena. Princeton: Princeton University Press, 1970. 268 p. Personal essays by a cultivated naturalist, tastefully illustrated. Maps. Bibliography. List of species and index.

Hays, H. R. Birds, Beasts, and Men; a Humanist History of Zoology. New York: Putnam, 1972. 383 p. Beginning with the invention of science by the Greeks and closing with a chapter on man's relatedness to fellow citizens of the planet, the author addresses the mature, reflective reader. Bibliography. BL

Hoover, Helen. The Gift of the Deer. New York: Knopf, 1966. 210 p. The life cycle of the deer as observed by the author in the Minnesota back country. Pen-and-ink drawings. SC

Horton, Nicholas. The Evidence of Evolution (The Smithsonian Library). New York: American Heritage, 1968. 160 p. The entire story of evolution as pieced together from bits of evidence by scientists. Photos. Map. Readings. SC

Huxley, Julian and Ludwig Koch. Animal Language. New York: Grosset and Dunlap, 1964. 64 p. The first mammal soundbook, combining photographs, animal cries, both individual and in concert, with the text. Guide to listening. Diagram of hearing ranges.

Huxley, Julian. The Wonderful World of Life. New York: Doubleday, 1969. 96 p. How forms of life are related and how they change and advance. Color illus. Glossary. SC

Hylander, Clarence J. Fishes and Their Ways. New York: Macmillan, 1964. 240 p. Describes families and species of freshwater and saltwater fish, their habits, habitats, and distinctive characteristics. Photos and drawings. Readings. SC

Joffe, Joyce. Conservation: Maintaining the Natural Balance (Nature and Science Library). Garden City, New York: The Natural History Press, 1970. 188 p. Wildlife saved from extinction and man rescued from threatened overpopulation to restore ecological equilibrium. Photos in black and white and color. Charts. RC

Krutch, Joseph Wood. The Best in Nature Writing of Joseph Wood Krutch. New York: Morrow, 1970. 384 p. Thirty-four essays selected by the author from his nature writings, some relating men and animals as sharers of this planet. Illus. SC

Leen, Nina. The World of Bats. New York: Holt, 1969. 171 p. Superb photography and non-technical text on wings, flight, social and family life, foraging, locomotion and repose, and echolocation. Classification.

Lawick-Goodall, Jane van, Baroness. My Friends the Wild Chimpanzees. Washington, D.C.: National Geographic, 1967. 204 p. Behavioral observations and personal adventures of the author studying the chimps in East African wilds since 1960. Photos. Maps. SC

Life. The Wonders of Life on Earth. Rev. ed. New York: Time-Life, 1968. 238 p. The evolutionary unfolding of the diversity of animal and plant life which now blanket the earth. Illus. Maps. SC

(See also the other volumes in the Life Nature Library, a series of twenty-five works characterized by excellence of text and format.)

Lilly, John Cunningham. The Mind of the Dolphin; a Nonhuman Intelligence. New York: Doubleday, 1967. 310 p. Author of Man and Dolphin discusses the dolphin's abilities and intellect, and the paradoxes of inter-species communication. Illus. SC

Littlewood, Cyril. The World's Vanishing Mammals. New York: Arco, 1970. 62 p. Sixty-nine mammals endangered by man, with maps showing places of origin and present habitats. Illus. SC

Marchant, R. A. Where Animals Live. New York: Macmillan, 1970. 170 p. Habitats determine to a considerable degree how animals live, reproduce, and associate with their own kind. Drawings. AAAS

Matthiessen, Peter. Blue Meridian: the Search for the Great White Shark. New York: Random, 1971. Saga of the prolonged search for man-eating sharks off Australia by professional divers producing the film Blue Water, White Death. Color photos. SLJ

McCoy, J. J. The Hunt for the Whooping Cranes; a Natural History Detective Story. New York: Lothrop. 1966. Detailed account of the search for the summer resting grounds of the almost extinct whooping crane. Illus. SC

McMillan, Ian. Man and the California Condor; the Embattled History and Uncertain Future of North America's Largest Free-living Bird. New York: Dutton, 1968. 191 p. Man's encroachments threaten the existence of this majestic bird. Illus. Map. SC

Milne, Lorus J. and Margery. Patterns of Survival. Englewood Cliffs: Prentice-Hall, 1968. 339 p. How animals and plants adapt, including early forms at the molecular and microbial level all the way up the evolutionary ladder. Illus. SC

Milne, Lorus J. and Margery. The Arena of Life. Garden City, New York: Doubleday, 1971. 351 p. Man placed in the complex, diverse ecology which he must understand to survive. Excellent black and white drawings and photos.

Milne, Lorus J. and Margery. The Cougar Doesn't Live Here Any More. Englewood Cliffs, N.J.: Prentice-Hall, 1971. 258 p. With "the competence of the professional and the enthusiasm of the amateur" the authors consider every aspect related to the rise and extinction of animal species. Line drawings and black and white photos. Bibliography.

Mowat, Farley. A Whale for the Killing. Boston: Atlantic-Little, 1972. 239 p. The author's moving account of the death of a pregnant sperm whale run aground near his Newfoundland home. BL

Murphy, Robert. The Golden Eagle. New York: Dutton, 1965. 157 p. Kira survives the vicissitudes of nature but succumbs to repeated attacks by man. Illus. SC

Murphy, Robert. The Peregrine Falcon. Boston: Houghton, 1964. 157 p. Varda's perilous first migration from Canada to the Florida Keys. Illus. SC

Newman, L. H. Man and Insects; Insect Allies and Enemies. (Nature and Science Library) Garden City, New York: Natural History Press, 1965. 252 p. Man's relationship to insects, helpful or hurtful, in time past and present. Illus. Photos. Maps. SC

Park, Ed. The World of the Bison (Living World Books). Philadelphia: Lippincott, 1969. 161 p. Reports the decline and restoration of one of North America's dominant species. Illus. Bibliography. SC

Peterson, Robert Tory and James Fisher. Wild America. Boston: Houghton, 1955. 434 p. Record of a 30,000 mile trip across America by a British ornithologist and an American naturalist who observe wildlife and natural wonders. Illus. SC

Peterson, Robert Tory. Birds over America. New and rev. New York: Dodd, 1964. 342 p. Birds and their habitats, opening with a confession of his childhood love of winged creatures ("I lived for birds") and closing with a photographic postscript discussing camera technique and equipment he used for the one hundred photos. SC

Reid, Keith. Nature's Network; the Story of Ecology (Nature and Science Library). Garden City, N.Y.: Natural History Press, 1970. 188 p. Nature's intricate web of interaction. Photos in black and white, color. Appendix 1: The World's Main Biomes. Appendix 2: Glossary of Ecological Terms. RC

Ricard, Matthieu. Mystery of Animal Migration. Trans. from the French. New York: Hill and Wang, 1969. 209 p. In a pleasant style the author describes migratory behaviors of the major animal families. Black and white photographs and diagrams. Bibliography. BTR

Richards, Paul W. The Life of the Jungle (Our Living World of Nature). New York: McGraw, 1970. 232 p. Tropical rain forests in South America, Southeast Asia and Africa, with jungle life balanced in a delicate ecosystem. Color illus. Appendices. Bibliography. SC

Riedman, Sarah R. Home Is the Sea: for Whales. Chicago: Rand McNally, 1966. 264 p. Evolution and behavior of whales and their relatives, the dolphins and porpoises. Classifications. Bibliography. SC

Rue, Leonard Lee. The World of the Red Fox (Living World Books). Philadelphia: Lippincott, 1969. 204 p. Excellent text and photos from an authority communicating in a personal manner. Photos. SC

Russell, Andy. Grizzly Country. New York: Knopf, 1967. The true nature of the grizzly. Illus. SC

Schaller, George B. The Year of the Gorilla. Chicago: University of Chicago Press, 1964. 260 p. Report of two years of observation of these gentle creatures in East and Central African uplands. Line drawings. Maps. SC

Scheffer, Victor B. The Year of the Seal. New York: Scribner, 1970. 205 p. A zoologist's interpretation of the thoughts, motivations, movements, and life processes of the Alaskan fur seal in relationship to the wildlife - research biologists who study them and to mankind generally. Woodcuts. Appendix. Annotated bibliography.

Scheffer, Victor B. The Year of the Whale. New York: Scribner, 1969. 213 p. A literary masterpiece and a visual delight. Illus. Source notes and annotated bibliography. SC

Schuhmacher, Eugen. The Last Paradises; on the Track of Rare Animals. Trans. from the German. New York: Doubleday, 1967. 315 p. Visiting the seven continents in as many years, the author-photographer recorded in color species imperiled by man, for this book and the BBC TV documentary The Rare Ones. Appendix.

Silverberg, Robert. The World of the Rain Forest. Des Moines, Iowa: Meredith, 1967. 172 p. The teeming variety of flora and fauna and possible economic uses of the rain forest. Illus. Map. Bibliography. SC

Simon, Hilda. The Splendor of Iridescence. Illus. by author. New York: Dodd, Mead, 1971. 268 p. An unusual work in two parts: The Anatomy of Structural Colors and The Beauty of Iridescence. Beautifully designed and illustrated in color. Biographical notes. Bibliography.

Stenuit, Robert. The Dolphin, Cousin to Man. New York: Sterling, 1968. 176 p. Non-technical presentation of the dolphin in myth and legend, his evolution, anatomy, habitat and behavior, as well as scientific research and experimentation. SC

Stix, Hugh and Marguerite, and R. Tucker Abbot. The Shell: Five Hundred Million Years of Inspired Design. Photos by H. Landshoff. New York: Abrams, n.d. 196 p. Historical essay followed by superb full-page black and white and colored photos, some tipped in, others foldouts, each plate with identification and description. Bibliography. (abr. ed. Ballentine)

Stonehouse, Bernard. Animals of the Arctic; the Ecology of the Far North. New York: Holt, 1971. 172 p. A factual presentation enhanced by color photographs and other visual aids to understanding. Maps. Bibliography. Glossary. BL

Sutton, Ann and Myron. The Life of the Desert (Our Living World of Nature). New York: McGraw, 1966. 232 p. Harsh existence of plant and animal life in the desert Southwest, with excellent photography and small diagrams. Color illus. Glossary. Bibliography. SC

Teal, John and Mildred. Life and Death of the Salt Marsh. Boston: Little, 1969. From creation to destruction of North American marshes on the eastern coast and a plea for conservation. Line drawings. SC

Teale, Edwin Way. (The American Seasons). New York: Dodd.
Autumn Across America 1956. 386 p.
Journey into Summer 1960. 366 p.
North with the Spring 1951. 366 p.
Wandering through Winter 1965. 370 p.
Beautifully expressed observations of nature in America accompanied by the author's photographs. Maps. SC

Thoreau, Henry David. America the Beautiful. Waukesha, Wisconsin: Country Beautiful, 1969. 97 p. Excerpts from Thoreau's works, reflecting on the beauty of the land, wildlife, and the relationship of man and nature. Color and monochrome photos. SC

Usinger, Robert L. The Life of Rivers and Streams (Our Living World of Nature). New York: McGraw, 1967. 232 p. Creatures which inhabit fresh waters - "torrents, waterfalls, mighty rivers and tiny brooks, hot springs and frigid, glacial streams." Illus. Maps. SC

Other Media

An African Essay (Sound Filmstrip). Associated Press and Guidance Associates, 1969. 2 strips: color. 35mm. 2 phonodiscs: 12 in. 33 1/3 rpm microgroove stereo.
An exceptionally poetic script describes the austere elegance of nature in the East African wilderness.

Audubon, John James. Summer or Wood Duck (Reproduction) Birds of America, folio edition. Fine Arts Reproductions: Old and Modern Masters.
30" x 19 1/2" color
Birds in their habitats, in Audubon's characteristic manner.

Big Horn (Motion Picture). National Film Board of Canada; McGraw-Hill, 1970
10:23 min. sd. color 16mm.
Beautiful cinematography follows the Rocky Mountain big horn sheep among the cliffs and meadows of Jasper and Banff National Parks, accompanied by flute music graceful and humorous.

Birth of the Red Kangaroo (Motion Picture). CSIRO; International Film Bureau, 1968. 21 min. sd. color 16mm.
Uses the red kangaroo to illustrate unique features of marsupial development; the basic structure and function of mammalian reproductive organs, and mammalian embryonic development.

Buffalo: an Ecological Success Story (Motion Picture). Encyclopaedia Britannica. 1972.
13 min. sd. color 16mm.
Teacher's guide
The American bison's struggle to survive in his native habitat and present efforts to preserve the species. P

Chiden, Tan'an. Night Heron (Reproduction). National Museum, Tokyo. Fine Arts Reproductions: Old and Modern Masters.
12 1/2" x 19 1/4" color
Lone heron in a marsh, painted with a minimum of means.

Crocodile (Replica). American Museum of Natural History. Alva Reproductions.
12" Bronze
From Liberia of the 19th century.

Dream of the Wild Horses (Motion Picture). SIMPRI; McGraw-Hill, n.d.
9 min. sd. color 16mm.
Producer Denys Colombe de Daunant (Forbidden Bullfight) uses photographic techniques to create a dream of the horses of the Camargue.

Ecology/Inhabitants of the Planet Earth (Filmstrips). Thorne. 1972.
Silent, color
Teacher's guides
Series:
- The Plankton of Lakes and Ponds
- Life in the Weeds, Reeds and Rushes
- The Bottom Community of Lakes and Ponds
- The Microscopic Life of Lakes and Ponds
- Stream Life
- Rocky Coast - High Tide Zone
- Rocky Coast - Mid Tide Zone
- Rocky Coast - Low Tide P

Environmental Outrages: Animals. WBAI; Pacifica, n.d.
32 min. cassette tape: 7 in. reel 3 3/4 i.p.s.
Grace Jessen interviews persons actively interested in humane treatment of animals, discussing animals nearing extinction and abuses of the wild animal trapping industry.

The Galapagos: Darwin's World within Itself (Motion Picture). EBEC; 1972.
20 min. sd. color
A concise introduction to Darwin and his research, showing stills of rare animals in this romantic setting. BL

The Green Sea Turtle (Motion Picture). Doubleday Multimedia, 1970.
21 min. sd. color 16mm.
Jacques Cousteau Series
Teacher's guide
Traces the life cycle of the green turtle.

The Incredible Hummingbirds (Motion Picture). BBC-TV. Time-Life, 1972.
30 min. sd. color 16mm.
Biological fact, folklore, and excellent nature photography combined in an authoritative and enjoyable presentation. P

Inhabitants of the Planet Earth (Filmstrips). Thorne. 1972.
Silent, color.
Teacher's guide.
Series: 4-6 strips each
- Lower Plants
- Higher Plants
- Lower Vertebrates
- Advanced Invertebrates
- Vertebrate Animals
- Terrestrial Ecology P

Koson. On the Wing (Reproduction). Bibliotheque Nationale. Shorewood.
17 3/4" x 19 1/4" color
Geese in flight, stylized in the Oriental manner.

Lachaise, Gaston. Bee (Replica) Philadelphia Museum of Art. Alva Reproductions.
5 1/2" gold electroplated marble base

Marc, Franz. Forrest with Squirrel (Reproduction). Kunsthaus. Shorewood.
24 1/8" x 21 3/8" color
Abstract treatment of the subject.

A Meeting with the Sea (Motion Picture). McGraw-Hill. 1971.
10 min. sd. color 16mm.
Various fish and invertebrates photographed in the Black Sea, filmed by skin divers. Intriguing sequences show the hermit crab and turbot using camouflage techniques. P

Plankton (Filmloop). Ealing, 1969.
6 loops color 8mm.
Super microcinematography clearly magnifies some of the extraordinarily beautiful organisms which inhabit the oceans. BL

Red Ants of the Forest (Motion Picture). CCM. 1972.
15 min. sd. color 16mm.
Teacher's guide
Not comprehensive, this film showing the red ant's social nature and beneficial acts is most useful to spark interest and motivate the use of additional materials. P

Sea Lion Family (Replica) American Museum of Natural History. Alva Reproductions.
10" x 7 1/2" mahogany base
Model made by Raymond de Lucia. Available as single figures; bull, cow, pup. (See numerous animal replicas in the catalog Alva Sculpture Replicas)

Songs of the Humpback Whale (Disc) Communications/Research/Machines. Capital. 1970.
2 s 12 in. 33 1/3 rpm microgroove stereo
Recorded by a researcher in biological acoustics, Roger S. Payne. Illustrated booklet in English and Japanese: Nature of whales, recording their songs, studying their songs, whaling and whale products, and the campaign to save the species. Detailed listening guide on slipcase.

Will We Kill San Francisco Bay? KPFA; Pacifica. n.d.
49 min. cassette tape: 7 in. reel 3 3/4 i.p.s.
Bill Schechner talks to marine biologist Fred Tarp, who explains in laymen's terms how life in water works, what is needed to keep it alive, and what kills it.

Wolves and the Wolfmen (Motion Picture). MGM, 1970; Films Inc.
52 min. color 16mm.
NBC documentary about naturalists fighting to save the vanishing wolf species.

The World of Jacques-Yves Cousteau (Motion Picture). National Geographic; Encyclopaedia Britannica, 1967.
48 min. color 16mm.
Teacher's guide
Day-by-day events in the lives of six oceanaut pioneers 328 feet below the Mediterranean surface for seven days.

Yves, Brayer. Horses in the Camargue (Reproduction). Private Collection. Shorewood.
18" x 24" color
Wild horses and other animal life in the marshes of southern France. Companion to Dream of the Wild Horses. (See various treatments of animals in the Shorewood catalog)

Key to Symbols

AAAS	American Association for the Advancement of Science
BTR	Books and the Teenage Reader
BL	Booklist
C	Commentary
CC	Children's Catalog
EFLA	Education Film Library Association
FLQ	Film Library Quarterly
NYT	New York Times
P	Previews
RC	Reading Circle
S	Sightlines
SLJ	School Library Journal
SC	Standard Catalog
FN	Film News

Bibliographies of Sources

Book Selection Media; a Descriptive Guide to 170 Aids for Selecting Library Materials. Perkins. Champaign, Illinois, National Council of Teachers of English, 1967.

Guides to Newer Education Media: Films, Filmstrips, Kinescopes, Phonodiscs, Phonotapes, Programed Instruction Materials, Slides, Transparencies, Videotapes. 3rd. ed. By Margaret Rufsvold and Carolyn Guss. Chicago: American Library Association, 1971. Handbook describes catalogs, lists services, professional organizations, journals, and periodicals which regularly provide information of the newer educational media.

Periodicals for School Libraries: a Guide to Magazines, Newspapers, and Periodical Indexes. Rev. ed. Compiled and edited by Marian H. Scott. Chicago: American Library Association, 1970.

U.S. Department of Health, Education, and Welfare. Aids to Media Selection for Students and Teachers. Compiled by Yvonne Carter and others. Washington: U.S. Government Printing Office, 1971. 82 p. A comprehensive, annotated source of print and nonprint media, with a listing of multimedia instructional materials.

Indexes to Reviews

Book Review Digest, 1905- Monthly with cumulations H.W. Wilson Co. 950 University Avenue, Bronx, New York 10022

Multi Media Review Index, 1970- Pierian Press, P.O. Box 1801, Ann Arbor, Michigan 48106

Selected Sources of Reviews

American Biology Teacher
Audiovisual Monthly Sept.-May
National Association of Biology Teachers
1420 North Street, Washington, D.C. 20005

The Booklist
Semimonthly Multimedia
American Library Association
50 East Huron
Chicago, Illinois 60611

Film Library Quarterly
Film
Film Library Information Council
Box 348
Radio City Station
New York, N.Y. 10019

Film News
Film and Filmstrips 6 x's yearly
Film News Co.
250 West 57th St.
New York, N.Y. 10019

Media and Methods
Print and nonprint monthly Sept.-May
Media and Methods Institute
North American Publishing Co.
134 N. 13th St.
Philadelphia, Pa. 19107

Previews, Sept. 1972
Nonprint media
R.R. Bowker Co.
1180 Avenue of the Americas
New York, N.Y. 10036

Science Books: a Quarterly Review
Trade books, texts, reference
American Association for the Advancement of Science
1515 Massachusetts Ave.
NW Washington, D.C. 20005

Science Teacher
Teaching materials Monthly Sept.-May
National Science Teachers Association
1201 16th St.
NW Washington, D.C. 20036

Sightlines
Film Bimonthly
Educational Film Library Association
17 West 60th St.
New York, N.Y. 10023

Top of the News
Books, periodicals. Multimedia bibliographies.
Notable Childrens Books
Best Books for Young Adults.
Available to members quarterly
Children's Services Division/Young Adult Services
American Library Association
50 East Huron Street
Chicago, Illinois 60611

Materials for Teaching

Posters, Bookmarks
American Humane Assn.
P.O. Box 1266
896 Pennsylvania St.
Denver, Colorado 80201

Free Materials
Animal Welfare Institute
P.O. Box 3492
Grand Central Station
New York, N.Y. 10016

Subject Lists, Bookmarks, Posters
Children's Book Council
175 5th Ave.
New York, N.Y. 10010

Ecology Kits and Books
National Education Association
1201 16th St. N.W.
Washington, D.C. 20036

Free Books on Animal Care
Ralston Purina
Pet Care Division
Dept. DN
Checkerboard Square
St. Louis, Missouri

Checklist, bi-weekly
Supt. of Documents
U.S. Gov't Printing Office
Washington, D.C. 20402

Distributors of Nonprint Media

ACI Films Inc.
35 West 45th Street
New York, New York 10036

Aims Instructional Media Services
P. O. Box 1010
Hollywood, California 90028

Arthur Barr Productions
P. O. Box 7-c
Pasadena, California 91104

Association-Sterling Films
600 Madison Ave.
New York, New York 10022

A-V Explorations Inc.
505 Delaware Ave.
Buffalo, New York 14202

Baily-Film Associates
2211 Michigan Ave.
Santa Monica, California 90404

Avid Corp.
10 Tripps Lane
East Providence, Rhode Island 02914

Benchmark Films Inc.
145 Scarborough Rd.
Briarcliff Manor
New York, New York 10510

Carousel Films
1501 Broadway
New York, New York 10036

Center for Mass Communication
Columbia University Press
440 West 110th St.
New York, New York 10025

Churchill Films
662 North Robertson Blvd.
Los Angeles, California 90069

Colonial Films Inc.
752 Spring St.
Atlanta, Georgia 30308

Contemporary-McGraw Hill Films
1221 Ave. of the Americas
New York, New York 10020

Donars Productions
P. O. Box 24
Loveland, Colorado 80537

Doubleday Multi-Media
1371 Reynolds Ave.
Santa Ana, California 92705

Dover Publications Inc.
180 Varick Street
New York, New York 10014

Educational Dimensions Corp.
Box 488
Great Neck, New York 11022

Encyclopedia Britannica
425 North Michigan Ave.
Chicago, Illinois 60611

Films Incorporated
144 Wilmette Ave.
Wilmette, Illinois 60091

Gibson, Dan
See A-V Explorations

Henk Newenhouse
1825 Willow Road
Northfield, Illinois 60093

Holt, Rinehart, and Winston
383 Madison Avenue
New York, New York 17

International Film Bureau
332 South Michigan Ave.
Chicago, Illinois 60604

Journal Films
909 West Diversey Pkwy.
Chicago, Illinois 60614

King Screen Productions
320 Aurora Ave. North
Seattle, Washington 98109

Lyceum Productions
Box 1226
Laguna Beach, California 92652

McGraw-Hill Films
1221 Ave. of the Americas
New York, New York 10020

National Film Board of Canada
1251 Ave. of the Americas
New York, New York 10020

Pyramid Films
Box 1048
Santa Monica, California 90406

Scott Education Division
104 Lower Westfield Road
Hoyoke, Massachusetts 01040

Society for Visual Education
1345 Diversey Parkway
Chicago, Illinois 60614

Time-Life Films
43 West 16th St.
New York, New York 10011

United World Films
221 Park Ave. South
New York, New York 10003

Visual Publications
P. O. Box 297
N. Main Street
Champlain, New York 12919

Walt Disney Educational Materials
666 Busse Highway
Park Ridge, Illinois 60068

WLB Productions
25 West 45th Street
New York, New York 10036

James W. Wilkie
Box 435
Savage, Minnesota 55378